

## SEQUENCE LISTING

<110> Conklin, Darrell C.  
 Haldeman, Betty A.  
 Grossmann, Angelika

<120> MAMMALIAN CYTOKINE-LIKE POLYPEPTIDE-10

<130> 97-72

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<170> FastSEQ for Windows Version 3.0

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 <212> DNA  
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<220>  
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 <222> (45)...(572)

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 Ser Leu Ala Phe Ser Leu Leu Ser Ala Ala Phe Tyr Leu Leu Trp Thr  
 5                    10                    15                    20

cct tcc act gga ctg aag aca ctc aat ttg gga agc tgt gtg atc gcc        152  
 Pro Ser Thr Gly Leu Lys Thr Leu Asn Leu Gly Ser Cys Val Ile Ala  
 25                    30                    35

aca aac ctt cag gaa ata cga aat gga ttt tct gac ata cgg ggc agt        200  
 Thr Asn Leu Gln Glu Ile Arg Asn Gly Phe Ser Asp Ile Arg Gly Ser  
 40                    45                    50

gtg caa gcc aaa gat gga aac att gac atc aga atc tta agg agg act        248  
 Val Gln Ala Lys Asp Gly Asn Ile Asp Ile Arg Ile Leu Arg Arg Thr  
 55                    60                    65

gag tct ttg caa gac aca aag cct gcg aat cga tgc tgc ctc ctg cgc	296
Glu Ser Leu Gln Asp Thr Lys Pro Ala Asn Arg Cys Cys Leu Leu Arg	
70 75 80	
cat ttg cta aga ctc tat ctg gac agg gta ttt aaa aac tac cag acc	344
His Leu Leu Arg Leu Tyr Leu Asp Arg Val Phe Lys Asn Tyr Gln Thr	
85 90 95 100	
cct gac cat tat act ctc cg <sup>g</sup> aag atc agc agc ctc gcc aat tcc ttt	392
Pro Asp His Tyr Thr Leu Arg Lys Ile Ser Ser Leu Ala Asn Ser Phe	
105 110 115	
ctt acc atc aag aag gac ctc cg <sup>g</sup> ctc tgt cat gcc cac atg aca tgc	440
Leu Thr Ile Lys Lys Asp Leu Arg Leu Cys His Ala His Met Thr Cys	
120 125 130	
cat tgt ggg gag gaa gca atg aag aaa tac agc cag att ctg agt cac	488
His Cys Gly Glu Glu Ala Met Lys Lys Tyr Ser Gln Ile Leu Ser His	
135 140 145	
ttt gaa aag ctg gaa cct cag gca gca gtt gtg aag gct ttg ggg gaa	536
Phe Glu Lys Leu Glu Pro Gln Ala Ala Val Val Lys Ala Leu Gly Glu	
150 155 160	
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Leu Asp Ile Leu Leu Gln Trp Met Glu Glu Thr Glu	
165 170 175	
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aggcatgacc ccaaaccacc atctcttac tgtactagtc ttgtgctgg cacagtgtat	702
cttattttatg cattacttgc ttcccttgcattgtcttt atgcatcccc aatcttaatt	762
gagaccatac ttgtataaga tttttgtaat atctttctgc tattggatat atttatttagt	822
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 <213> Homo sapiens

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 1 5 10 15

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			20					25					30		
Cys	Val	Ile	Ala	Thr	Asn	Leu	Gln	Glu	Ile	Arg	Asn	Gly	Phe	Ser	Asp
				35				40				45			
Ile	Arg	Gly	Ser	Val	Gln	Ala	Lys	Asp	Gly	Asn	Ile	Asp	Ile	Arg	Ile
					50			55			60				
Leu	Arg	Arg	Thr	Glu	Ser	Leu	Gln	Asp	Thr	Lys	Pro	Ala	Asn	Arg	Cys
					65			70		75				80	
Cys	Leu	Leu	Arg	His	Leu	Leu	Arg	Leu	Tyr	Leu	Asp	Arg	Val	Phe	Lys
					85				90				95		
Asn	Tyr	Gln	Thr	Pro	Asp	His	Tyr	Thr	Leu	Arg	Lys	Ile	Ser	Ser	Leu
					100			105				110			
Ala	Asn	Ser	Phe	Leu	Thr	Ile	Lys	Lys	Asp	Leu	Arg	Leu	Cys	His	Ala
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His	Met	Thr	Cys	His	Cys	Gly	Glu	Glu	Ala	Met	Lys	Lys	Tyr	Ser	Gln
						130		135			140				
Ile	Leu	Ser	His	Phe	Glu	Lys	Leu	Glu	Pro	Gln	Ala	Ala	Val	Val	Lys
					145			150			155			160	
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Ser Leu Ala Phe Ser Leu Leu Ser Ala Ala Phe Tyr Leu Leu Trp Thr
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cct tcc act gga ctg aag aca ctc aat ttg gga agc tgt gtg atc gcc 152  
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                   25                  30                  35

aca aac ctt cag gaa ata cga aat gga ttt tct gac ata cgg ggc agt	200		
Thr Asn Leu Gln Glu Ile Arg Asn Gly Phe Ser Asp Ile Arg Gly Ser			
40	45	50	
gtg caa gcc aaa gat gga aac att gac atc aga atc tta agg agg act	248		
Val Gln Ala Lys Asp Gly Asn Ile Asp Ile Arg Ile Leu Arg Arg Thr			
55	60	65	
gag tct ttg caa gac aca aag cct gcg aat cga tgc tgc ctc ctg cgc	296		
Glu Ser Leu Gln Asp Thr Lys Pro Ala Asn Arg Cys Cys Leu Leu Arg			
70	75	80	
cat ttg cta aga ctc tat ctg gac agg gta ttt aaa aac tac cag acc	344		
His Leu Leu Arg Leu Tyr Leu Asp Arg Val Phe Lys Asn Tyr Gln Thr			
85	90	95	100
cct gac cat tat act ctc cg <sup>g</sup> aag atc agc agc ctc gcc aat tcc ttt	392		
Pro Asp His Tyr Thr Leu Arg Lys Ile Ser Ser Leu Ala Asn Ser Phe			
105	110	115	
ctt acc atc aag aag gac ctc cg <sup>g</sup> ctc tgt ctg gaa cct cag gca gca	440		
Leu Thr Ile Lys Lys Asp Leu Arg Leu Cys Leu Glu Pro Gln Ala Ala			
120	125	130	
gtt gtg aag gct ttg ggg gaa cta gac att ctt ctg caa tgg atg gag	488		
Val Val Lys Ala Leu Gly Glu Leu Asp Ile Leu Leu Gln Trp Met Glu			
135	140	145	
gag aca gaa taggagggaa gtgatgctgc tgctaagaat attcgaggc	537		
Glu Thr Glu			
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aagagctcca gtcttcaata cctgcagagg aggcattgacc ccaaaccacc atctcttac	597		
tgtactagtc ttgtgctggc cacagtgtat ctatattatg cattactgc ttccttgcat	657		
gattgtcttt atgcatcccc aatcttaatt gagaccatac ttgtataaga tttttgtaat	717		
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 Cys Val Ile Ala Thr Asn Leu Gln Glu Ile Arg Asn Gly Phe Ser Asp  
 35 40 45  
 Ile Arg Gly Ser Val Gln Ala Lys Asp Gly Asn Ile Asp Ile Arg Ile  
 50 55 60  
 Leu Arg Arg Thr Glu Ser Leu Gln Asp Thr Lys Pro Ala Asn Arg Cys  
 65 70 75 80  
 Cys Leu Leu Arg His Leu Leu Arg Leu Tyr Leu Asp Arg Val Phe Lys  
 85 90 95  
 Asn Tyr Gln Thr Pro Asp His Tyr Thr Leu Arg Lys Ile Ser Ser Leu  
 100 105 110  
 Ala Asn Ser Phe Leu Thr Ile Lys Lys Asp Leu Arg Leu Cys Leu Glu  
 115 120 125  
 Pro Gln Ala Ala Val Val Lys Ala Leu Gly Glu Leu Asp Ile Leu Leu  
 130 135 140  
 Gln Trp Met Glu Glu Thr Glu  
 145 150

&lt;210&gt; 5

&lt;211&gt; 253

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 5

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 agacactcaa tttgggaagc tgtgtgatcg ccacaaacct tcagggaaaata cggaaatggat 180  
 tttctgagat acggggcagt gtgcaagcca aagatggaaa cattgacatc agaatctaa 240  
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&lt;210&gt; 6

&lt;211&gt; 24

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 6

attcctagct cctgtggct ccag 24

&lt;210&gt; 7

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ttgctaagac tctatctgga cagggattt	aaaaactacc agaccctga ccattatact	180
ctccggaaga tcagcagcct cgccaaattcc	tttcttacca tcaagaagga cctccggc	240
tgtctggAAC ctcaggcagc agttgtgaag	gctttgggg aactagacat tcttctgca	300
tggatggagg agacagaata ggaggaaagt	gatgctgctg ctaagaatat tcgaggtcaa	360
gagctccagt cttcaataacc tgcagaggag	gcatgacccc aaaccaccat ctcttactg	420
tactagtctt gtgttgtca cagtgtatct	tatTTatgc ttacttgctt ccttgc	480
ttgtctttat gcatccccaa tcttaattga	gaccatactt gtataagatt ttgtaaat	540
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<400> 12

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20	25	30	
Asp Gly Asn Ile Asp Ile Arg Ile Leu Arg Arg Thr Glu Ser Leu Gln			
35	40	45	
Asp Thr Lys Pro Ala Asn Arg Cys Cys Leu Leu Arg His Leu Leu Arg			
50	55	60	
Leu Tyr Leu Asp Arg Val Phe Lys Asn Tyr Gln Thr Pro Asp His Tyr			
65	70	75	80
Thr Leu Arg Lys Ile Ser Ser Leu Ala Asn Ser Phe Leu Thr Ile Lys			
85	90	95	
Lys Asp Leu Arg Leu Cys His Ala His Met Thr Cys His Cys Gly Glu			
100	105	110	
Glu Ala Met Lys Lys Tyr Ser Gln Ile Leu Ser His Phe Glu Lys Leu			
115	120	125	
Glu Pro Gln Ala Ala Val Val Lys Ala Leu Gly Glu Leu Asp Ile Leu			
130	135	140	
Leu Gln Trp Met Glu Glu Thr Glu			

145

150

<210> 13  
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<212> PRT  
<213> Homo sapiens

&lt;400&gt; 13

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1 5 10 15

Glu Ile Arg Asn Gly Phe Ser Asp Ile Arg Gly Ser Val Gln Ala Lys  
                  20                 25                 30  
 Asp Gly Asn Ile Asp Ile Arg Ile Leu Arg Arg Thr Glu Ser Leu Gln  
                  35                 40                 45  
 Asp Thr Lys Pro Ala Asn Arg Cys Cys Leu Leu Arg His Leu Leu Arg  
                  50                 55                 60  
 Leu Tyr Leu Asp Arg Val Phe Lys Asn Tyr Gln Thr Pro Asp His Tyr  
                  65                 70                 75                 80  
 Thr Leu Arg Lys Ile Ser Ser Leu Ala Asn Ser Phe Leu Thr Ile Lys  
                  85                 90                 95  
 Lys Asp Leu Arg Leu Cys Leu Glu Pro Gln Ala Ala Val Val Lys Ala  
                  100                 105                 110  
 Leu Gly Glu Leu Asp Ile Leu Leu Gln Trp Met Glu Glu Thr Glu  
                  115                 120                 125

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 <213> Homo sapiens

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 <213> Homo sapiens

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  1                 5                 10                 15

<210> 16  
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<210> 17

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 Met Lys Gly Phe Gly Leu Ala Phe Gly Leu Phe Ser Ala  
 1 5 10

gtg ggt ttt ctt ctc tgg act cct tta act ggg ctc aag acc ctc cat 157  
 Val Gly Phe Leu Leu Trp Thr Pro Leu Thr Gly Leu Lys Thr Leu His  
 15 20 25

ttg gga agc tgt gtg att act gca aac cta cag gca ata caa aag gaa 205  
 Leu Gly Ser Cys Val Ile Thr Ala Asn Leu Gln Ala Ile Gln Lys Glu  
 30 35 40 45

ttt tct gag att cgg gat agt gtg caa gct gaa gat aca aat att gac 253  
 Phe Ser Glu Ile Arg Asp Ser Val Gln Ala Glu Asp Thr Asn Ile Asp  
 50 55 60

atc aga att tta agg acg act gag tct ttg aaa gac ata aag tct ttg 301  
 Ile Arg Ile Leu Arg Thr Thr Glu Ser Leu Lys Asp Ile Lys Ser Leu  
 65 70 75

gat agg tgc tgc ttc ctt cgt cat cta gtg aga ttc tat ctg gac agg 349  
 Asp Arg Cys Cys Phe Leu Arg His Leu Val Arg Phe Tyr Leu Asp Arg  
 80 85 90

gta ttc aaa gtc tac cag acc cct gac cac cat acc ctg aga aag atc			397
Val Phe Lys Val Tyr Gln Thr Pro Asp His His Thr Leu Arg Lys Ile			
95	100	105	
agc agc ctc gcc aac tcc ttt ctt atc atc aag aag gac ctc tca gtc			445
Ser Ser Leu Ala Asn Ser Phe Leu Ile Ile Lys Lys Asp Leu Ser Val			
110	115	120	125
tgt cat tct cac atg gca tgt cat tgt ggg gaa gaa gca atg gag aaa			493
Cys His Ser His Met Ala Cys His Cys Gly Glu Glu Ala Met Glu Lys			
130	135	140	
tac aac caa att ctg agt cac ttc ata gag ttg gaa ctt cag gca gcg			541
Tyr Asn Gln Ile Leu Ser His Phe Ile Glu Leu Glu Leu Gln Ala Ala			
145	150	155	
gtg gta aag gct ttg gga gaa cta ggc att ctt ctg aga tgg atg gag			589
Val Val Lys Ala Leu Gly Glu Leu Gly Ile Leu Leu Arg Trp Met Glu			
160	165	170	
gag atg cta tagatgaaag tggagaggct gctgagaaca ctcctgtcca			638
Glu Met Leu			
175			
agaatctcag acctcagcac catgaagaca tggcccccagg tgctggcatt tctactcaag			698
agttccagtc ctcagcacca cgaagatggc ctcaaaccac caccctttg tgatataact			758
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<213> Mus musculus			
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20	25	30	
Cys Val Ile Thr Ala Asn Leu Gln Ala Ile Gln Lys Glu Phe Ser Glu			
35	40	45	
Ile Arg Asp Ser Val Gln Ala Glu Asp Thr Asn Ile Asp Ile Arg Ile			
50	55	60	

Leu Arg Thr Thr Glu Ser Leu Lys Asp Ile Lys Ser Leu Asp Arg Cys  
 65 70 75 80  
 Cys Phe Leu Arg His Leu Val Arg Phe Tyr Leu Asp Arg Val Phe Lys  
 85 90 95  
 Val Tyr Gln Thr Pro Asp His His Thr Leu Arg Lys Ile Ser Ser Leu  
 100 105 110  
 Ala Asn Ser Phe Leu Ile Ile Lys Lys Asp Leu Ser Val Cys His Ser  
 115 120 125  
 His Met Ala Cys His Cys Gly Glu Glu Ala Met Glu Lys Tyr Asn Gln  
 130 135 140  
 Ile Leu Ser His Phe Ile Glu Leu Glu Leu Gln Ala Ala Val Val Lys  
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 165 170 175

<210> 20  
 <211> 152  
 <212> PRT  
 <213> Mus musculus

<400> 20

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 Asp Thr Asn Ile Asp Ile Arg Ile Leu Arg Thr Thr Glu Ser Leu Lys  
 35 40 45  
 Asp Ile Lys Ser Leu Asp Arg Cys Cys Phe Leu Arg His Leu Val Arg  
 50 55 60  
 Phe Tyr Leu Asp Arg Val Phe Lys Val Tyr Gln Thr Pro Asp His His  
 65 70 75 80  
 Thr Leu Arg Lys Ile Ser Ser Leu Ala Asn Ser Phe Leu Ile Ile Lys  
 85 90 95  
 Lys Asp Leu Ser Val Cys His Ser His Met Ala Cys His Cys Gly Glu  
 100 105 110  
 Glu Ala Met Glu Lys Tyr Asn Gln Ile Leu Ser His Phe Ile Glu Leu  
 115 120 125  
 Glu Leu Gln Ala Ala Val Val Lys Ala Leu Gly Glu Leu Gly Ile Leu  
 130 135 140  
 Leu Arg Trp Met Glu Glu Met Leu  
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<210> 21

<211> 16  
 <212> PRT  
 <213> *Mus musculus*

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 1 5 10 15

<210> 22  
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 <213> *Mus musculus*

<400> 22  
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 1 5 10 15

<210> 23  
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<400> 23  
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 1 5 10 15

<210> 24  
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 1 5 10 15

<210> 25  
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 <213> *Mus muculus*

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 1 5 10 15

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 Leu Arg Thr Thr Glu Ser Leu Lys Asp Ile Lys Ser Leu Asp Arg Cys  
 35 40 45  
 Cys Phe Leu Arg His Leu Val Arg Phe Tyr Leu Asp Arg Val Phe Lys  
 50 55 60  
 Val Tyr Gln Thr Pro Asp His His Thr Leu Arg Lys Ile Ser Ser Leu  
 65 70 75 80  
 Ala Asn Ser Phe Leu Ile Ile Lys Lys Asp Leu Ser Val Cys His Ser  
 85 90 95  
 His Met Ala Cys His Cys Gly Glu Glu Ala Met Glu Lys Tyr Asn Gln  
 100 105 110  
 Ile Leu Ser His Phe Ile Glu Leu Glu Leu Gln Ala Ala Val Val Lys  
 115 120 125  
 Ala Leu Gly Glu Leu Gly Ile Leu Leu Arg Trp Met Glu Glu Met Leu  
 130 135 140

<210> 26  
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 Leu Arg Arg Thr Glu Ser Leu Gln Asp Thr Lys Pro Ala Asn Arg Cys  
 35 40 45  
 Cys Leu Leu Arg His Leu Leu Arg Leu Tyr Leu Asp Arg Val Phe Lys  
 50 55 60  
 Asn Tyr Gln Thr Pro Asp His Tyr Thr Leu Arg Lys Ile Ser Ser Leu  
 65 70 75 80  
 Ala Asn Ser Phe Leu Thr Ile Lys Lys Asp Leu Arg Leu Cys His Ala  
 85 90 95  
 His Met Thr Cys His Cys Gly Glu Glu Ala Met Lys Lys Tyr Ser Gln  
 100 105 110  
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 Ala Leu Gly Glu Leu Asp Ile Leu Leu Gln Trp Met Glu Glu Thr Glu  
 130 135 140

<210> 27

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<210> 28  
 <211> 71  
 <212> PRT  
 <213> Homo sapiens

<400> 28  
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 20 25 30  
 Arg Thr Glu Ser Leu Gln Asp Thr Lys Pro Ala Asn Arg Cys Cys Leu  
 35 40 45  
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 Gln Thr Pro Asp His Tyr Thr  
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 <211> 92  
 <212> PRT  
 <213> Homo sapiens

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 20 25 30  
 Arg Thr Glu Ser Leu Gln Asp Thr Lys Pro Ala Asn Arg Cys Cys Leu  
 35 40 45  
 Leu Arg His Leu Leu Arg Leu Tyr Leu Asp Arg Val Phe Lys Asn Tyr  
 50 55 60

Gln Thr Pro Asp His Tyr Thr Leu Arg Lys Ile Ser Ser Leu Ala Asn  
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 Ser Phe Leu Thr Ile Lys Lys Asp Leu Arg Leu Cys  
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<210> 30  
 <211> 82  
 <212> PRT  
 <213> Homo sapiens

<400> 30  
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 Leu Arg Leu Cys His Ala His Met Thr Cys His Cys Gly Glu Glu Ala  
 35 40 45  
 Met Lys Lys Tyr Ser Gln Ile Leu Ser His Phe Glu Lys Leu Glu Pro  
 50 55 60  
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 Trp Met

<210> 31  
 <211> 36  
 <212> PRT  
 <213> Homo sapiens

<400> 31  
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 Leu Arg Leu Cys  
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<210> 32  
 <211> 61  
 <212> PRT  
 <213> Homo sapiens

<400> 32

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 35 40 45  
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<220>  
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 Met Lys Gly Phe Gly Leu Ala Phe Gly Leu Phe Ser Ala  
 1 5 10

gtg ggt ttt ctt ctc tgg act cct tta act ggg ctc aag acc ctc cat 157  
 Val Gly Phe Leu Leu Trp Thr Pro Leu Thr Gly Leu Lys Thr Leu His  
 15 20 25

ttg gga agc tgt gtg att act gca aac cta cag gca ata caa aag gaa 205  
 Leu Gly Ser Cys Val Ile Thr Ala Asn Leu Gln Ala Ile Gln Lys Glu  
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 Phe Ser Glu Ile Arg Asp Ser Val Ser Leu Asp Arg Cys Cys Phe Leu  
 50 55 60

cgt cat cta gtg aga ttc tat ctg gac agg gta ttc aaa gtc tac cag 301  
 Arg His Leu Val Arg Phe Tyr Leu Asp Arg Val Phe Lys Val Tyr Gln  
 65 70 75

acc cct gac cac cat acc ctg aga aag atc agc agc ctc gcc aac tcc 349  
 Thr Pro Asp His His Thr Leu Arg Lys Ile Ser Ser Leu Ala Asn Ser  
 80 85 90

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Phe Leu Ile Ile Lys Lys Asp Leu Ser Val Cys His Ser His Met Ala	
95 100 105	
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Cys His Cys Gly Glu Glu Ala Met Glu Lys Tyr Asn Gln Ile Leu Ser	
110 115 120 125	
cac ttc ata gag ttg gaa ctt cag gca gcg gtg gta aag gct ttg gga	493
His Phe Ile Glu Leu Glu Leu Gln Ala Ala Val Val Lys Ala Leu Gly	
130 135 140	
gaa cta ggc att ctt ctg aga tgg atg gag gag atg cta tagatgaaag	542
Glu Leu Gly Ile Leu Leu Arg Trp Met Glu Glu Met Leu	
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35 40 45	
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50 55 60	
Val Arg Phe Tyr Leu Asp Arg Val Phe Lys Val Tyr Gln Thr Pro Asp	
65 70 75 80	
His His Thr Leu Arg Lys Ile Ser Ser Leu Ala Asn Ser Phe Leu Ile	
85 90 95	
Ile Lys Lys Asp Leu Ser Val Cys His Ser His Met Ala Cys His Cys	
100 105 110	
Gly Glu Glu Ala Met Glu Lys Tyr Asn Gln Ile Leu Ser His Phe Ile	

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Arg Cys Cys Phe Leu Arg His Leu Val Arg Phe Tyr Leu Asp Arg Val			
35	40	45	
Phe Lys Val Tyr Gln Thr Pro Asp His His Thr Leu Arg Lys Ile Ser			
50	55	60	
Ser Leu Ala Asn Ser Phe Leu Ile Ile Lys Lys Asp Leu Ser Val Cys			
65	70	75	80
His Ser His Met Ala Cys His Cys Gly Glu Glu Ala Met Glu Lys Tyr			
85	90	95	
Asn Gln Ile Leu Ser His Phe Ile Glu Leu Glu Leu Gln Ala Ala Val			
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<400> 43  
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